

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61C8/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | WO 92/03984 A (WILJE, OSCAR) 19 March 1992 (1992-03-19) page 5, paragraphs 2,3 figures 1-3 | 1,2,4-6, 9,27 |
| X | US 5 564 925 A (SHAMPANIER ET AL) 15 October 1996 (1996-10-15) column 2, line 63 - column 3, line 6 figures 4,5 | 1,2,5,6 |
| X | WO 97/10770 A (IMPLANT INNOVATIONS, INC) 27 March 1997 (1997-03-27) page 8, lines 9-12 figure 4 | 17-20 |
| | ----- -/- | |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

11 April 2005

Date of mailing of the international search report

04 JUL 2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | US 4 955 811 A (LAZZARA ET AL) 11 September 1990 (1990-09-11) column 6, lines 29-53 figures 9-12 | 23-26 |
| A | ----- US 4 988 297 A (LAZZARA ET AL) 29 January 1991 (1991-01-29) cited in the application figure 5 ----- | 1 |

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2004/013435

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1-12, 17-20, 23, 24-26, 27

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-12, 17-20, 23, 24-26, 27

Combination of dedicated dental implant or implant assembly, prosthesis and retaining screw wherein the diameter of the screw is smaller than the diameter of the anchorage part of the prosthesis. Impression coping with an anchorage part including a flat surface. Burn-out cylinder comprising a proximal end which comprises a flat surface. Threaded dental implant.

1.1. claims: 1-12, 17-20

Combination of dedicated dental implant or implant assembly, prosthesis and retaining screw wherein the diameter of the screw is smaller than the diameter of the anchorage part of the prosthesis.

1.2. claim: 23

Impression coping with an anchorage part including a flat surface.

1.3. claims: 24-26

Burn-out cylinder comprising a proximal end which comprises a flat surface.

1.4. claim: 27

Dental implant with threaded shaft.

2. claims: 13-16

Dental implant replica comprising a flat-surfaced proximal end.

3. claims: 21 -22

Centering screw with tapered distal section.

4. claims: 28-29

Combination of an impression coping and impression coping screws wherein one or more of the impression coping screws have a flat cylindrical head or a bulbous head.

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|---|---------------------|--|--|
| WO 9203984 | A | 19-03-1992 | SE 466935 B AU 8493791 A SE 9002805 A WO 9203984 A1 | 04-05-1992 30-03-1992 05-03-1992 19-03-1992 |
| US 5564925 | A | 15-10-1996 | IL 112989 A | 15-06-1998 |
| WO 9710770 | A | 27-03-1997 | WO 9710770 A1 AU 3636195 A EP 0786966 A1 JP 10509371 T JP 3494656 B2 | 27-03-1997 09-04-1997 06-08-1997 14-09-1998 09-02-2004 |
| US 4955811 | A | 11-09-1990 | NONE | |
| US 4988297 | A | 29-01-1991 | NONE | |